

Air Quality TIER I OPERATING PERMIT

State of Idaho Department of Environmental Quality

PERMIT No.: T1-060125

FACILITY ID No.: 017-00027

AQCR: 63

CLASS: A

SIC: 2421

ZONE: 11

UTM COORDINATE (km): 518.2, 5334.7

1	DE	DI	/ITT	וידיי	FF

Riley Creek Lumber Company

2. PROJECT

Tier I Renewal

3. MAILING ADDRESS P.O. Box 220	CITY Laclede	STATE Idaho	ZIP 83841			
4. FACILITY CONTACT Ted Whiteman	TITLE Environmental Manager	TELEPHONE (208) 772-0505 ext	t. 438			
5. RESPONSIBLE OFFICIAL Marc Brinkmeyer	TELEPHONE (208) 263-7574					
6. EXACT PLANT LOCATION 30 Riley Creek Park Drive (SW ½ SE ½ Sect	COUNTY Bonner					

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Sawmill – Dimensional Lumber

8. PERMIT AUTHORITY

This Tier I operating permit is issued pursuant to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.300 through 386. The permittee shall comply with the terms and conditions of this permit.

This permit incorporates all applicable terms and conditions of prior air quality permits issued by the Idaho Department of Environmental Quality (DEQ) for the permitted source, unless the permittee emits toxic pollutants subject to state-only requirements pursuant to IDAPA 58.01.01.210, and the permittee elects not to incorporate those terms and conditions into this operating permit.

The effective date of this permit is the date of signature by DEQ on the cover page.

TRACY DROUIN, PERMIT WRITER		
DEPARTMENT OF ENVIRONMENTAL QUALITY		
	DATE ISSUED:	Public Comment
MIKE SIMON, STATIONARY SOURCE PROGRAM MANAGER	DATE MODIFIED/AMENDED:	
DEPARTMENT OF ENVIRONMENTAL QUALITY	DATE EXPIRES:	

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Acronyms, Units, and Chemical Nomenclature

acfm actual cubic feet per minute
AQCR Air Quality Control Region

ASTM American Society for Testing and Materials

CAA Clean Air Act

CFR Code of Federal Regulations

CO carbon monoxide

DEQ Department of Environmental Quality

dscf dry standard cubic feet

EPA U.S. Environmental Protection Agency

ESP electrostatic precipitator gr grain (1 lb = 7,000 grains) HAPs hazardous air pollutants

IDAPA a numbering designation for all administrative rules in Idaho promulgated in accordance with the

Idaho Administrative Procedures Act

km kilometer lb/hr pound per hour

MMBtu million British thermal units

NO_x nitrogen oxides

NSPS New Source Performance Standards

PM particulate matter

PM₁₀ particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers

ppm parts per million

PSD Prevention of Significant Deterioration

PTC permit to construct
PTE potential to emit
scf standard cubic feet

SIC Standard Industrial Classification

SIP State Implementation Plan

SO₂ sulfur dioxide

T/R transformer-rectification

T/yr tons per year U.S.C. United States Code

UTM Universal Transverse Mercator VOC volatile organic compound

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Location:	Laclede, Idaho	Facility 1D No. 017-00027	

1. TIER I OPERATING PERMIT SCOPE

Purpose

- 1.1 This Tier I operating permit establishes facility-wide requirements in accordance with the Idaho State Implementation Plan control strategy and the Rules.
- 1.2 This Tier I renewal supersedes the following permit(s):
 - Tier I operating permit No. 017-00027, issued July 30, 2002

Regulated Sources

1.3 Table 1.1 lists all sources of emissions regulated in this Tier I operating permit.

Table 1.1 REGULATED SOURCES

Permit Condition	Source Description	Emissions Control(s)
3	Boiler No. 1 Manufacturer: Perry Smith ABCOs Rated heat capacity: 70.23 MMBtu/hr Burner type: spreader stoker Operating temperature, front/back: 3,000/700 °F Flow rate: 69,000 acfm Fuels: Wood	#1 Multiclone Manufacturer: Unknown #1 Electrostatic Precipitator Manufacturer: PPC Industries Efficiency: 99% for PM
4	Boiler No. 2 Manufacturer: Kipper and Sons Rated heat capacity: 67.69 MMBtu/hr Burner type: spreader stoker Operating temperature, front/back: 3,000/700 °F Flow rate: 69,000 acfm Fuels: Wood	#1 Multiclone Manufacturer: Zurn #1 Electrostatic Precipitator Manufacturer: PPC Industries Efficiency: 99% for PM
5	Rail Car Target Box and Planer Shavings Cyclone	Planer Shavings cyclone baghouse Manufacturer: Western Pneumatics Efficiency: 99% for PM and PM ₁₀
6	Miscellaneous Sources	None
7	Insignificant Activities	None

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2. FACILITY-WIDE CONDITIONS

The following table contains a summary of requirements that apply generally to emissions units at the facility.

Table 2.1 APPLICABLE REQUIREMENTS SUMMARY

Permit Condition	Parameter	Permit Limit/ Standard Summary	Applicable Requirements Reference	Monitoring and Recordkeeping Requirements
2.1	Fugitive emissions	Reasonable control	IDAPA 58.01.01.650-651	2.2, 2.3, 2.4, 2.11, 2.12
2.5	Odors	No emissions of odorous gas, liquids, or solids	IDAPA 58.01.01.775-776	2.6, 2.11, 2.12
2.7	Visible emissions	20 % opacity for no more than three minutes in any 60-minute period	IDAPA 58.01.01.625	2.8, 2.11, 2.12
2.9	Excess emissions	Compliance with IDAPA 58.01.01.130-136	IDAPA 58.01.01.130-136	2.9-2.9.5, 2.11, 2.12
2.10	Criteria air pollutants, opacity	Performance Testing	IDAPA 58.01.01.157 and 322.06, .08.a, .09	2.10, 2.12
2.13	Fuel-burning Equipment	Grain-loading standard	IDAPA 58.01.01.676-677	2.11, 2.12
2.14	Sulfur content	Compliance with IDAPA 58.01.01.728-729	IDAPA 58.01.01.728-729	2.14.2, 2.11, 2.12
2.15	Open burning	Compliance with IDAPA 58.01.01.600-617	IDAPA 58.01.01.600-617	2.11, 2.12
2.16	Renovation or demolition	Compliance with 40 CFR 61, Subpart M	40 CFR 61, Subpart M	2.11, 2.12
2.17	Chemical accidental release	Compliance with 40 CFR 68	40 CFR 68	2.11, 2.12
2.18	Recycling and emissions reductions	Compliance with 40 CFR 82, Subpart F	40 CFR 82, Subpart F	2.11, 2.12

Fugitive Dust

2.1 All reasonable precautions shall be taken to prevent PM from becoming airborne in accordance with IDAPA 58.01.01.650-651.

[IDAPA 58.01.01.650-651, 5/1/94]

2.2 The permittee shall monitor and maintain records of the frequency and the method(s) used (e.g., water, chemical dust suppressants) to reasonably control fugitive dust emissions.

[IDAPA 58.01.01.322.06, 07, 5/1/94]

2.3 The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date that each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

[IDAPA 58.01.01.322.06, 07, 5/1/94]

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2.4 The permittee shall conduct a monthly facility-wide inspection of potential sources of fugitive dust emissions, during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive dust emissions are effective. If fugitive dust emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each fugitive dust emissions inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive dust emissions, and the date the corrective action was taken.

[IDAPA 58.01.01.322.06, 07, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00]

Odors

2.5 The permittee shall not allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids to the atmosphere in such quantities as to cause air pollution.

[IDAPA 58.01.01.775-776, 5/1/94]

2.6 The permittee shall maintain records of all odor complaints received. If the complaint has merit, the permittee shall take appropriate corrective action as expeditiously as practicable. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

[IDAPA 58.01.01.322.06, 07 (state-only), 5/1/94]

Visible Emissions

2.7 The permittee shall not discharge any air pollutant to the atmosphere from any point of emission for a period or periods aggregating more than three minutes in any 60-minute period which is greater than 20% opacity as determined by procedures contained in IDAPA 58.01.01.625. These provisions shall not apply when the presence of uncombined water, nitrogen oxides, and/or chlorine gas is the only reason for the failure of the emission to comply with the requirements of this section.

[IDAPA 58.01.01.625, 4/5/00]

The permittee shall conduct a quarterly facility-wide inspection of potential sources of visible emissions, during daylight hours and under normal operating conditions. The inspection shall consist of a see/no see evaluation for each potential source of visible emissions. If any visible emissions are present from any point of emission, the permittee shall either take appropriate corrective action as expeditiously as practicable, or perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20% for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective action and report the exceedance in its annual compliance certification and in accordance with IDAPA 58.01.01.130-136. The permittee shall maintain records of the results of each visible emission inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken.

[IDAPA 58.01.01.322.06, 07, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00]

Excess Emissions

Excess Emissions - General REV 1 03/19/07

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- 2.9 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions. The provisions of IDAPA 58.01.01.130-136 shall govern in the event of conflicts between Permit Condition 2.9 and the regulations of IDAPA 58.01.01.130-136.
- 2.9.1 The person responsible for or in charge of a facility during an excess emissions event shall, with all practicable speed, initiate and complete appropriate and reasonable action to correct the conditions causing the excess emissions event; to reduce the frequency of occurrence of such events; to minimize the amount by which the emission standard is exceeded; and shall, as provided below or upon request of DEQ, submit a full report of such occurrence, including a statement of all known causes, and of the scheduling and nature of the actions to be taken.

[IDAPA 58.01.01.132, 4/5/00]

Excess Emissions - Startup, Shutdown, Scheduled Maintenance

2.9.2 In all cases where startup, shutdown, or scheduled maintenance of any equipment or emission unit is expected to result or results in an excess emissions event, the owner or operator of the facility or emissions unit generating the excess emissions shall demonstrate compliance with IDAPA 58.01.01.133.01(a) through (d), including, but not limited to, the following:

[IDAPA 58.01.01.133, 4/5/00]

 A prohibition of any scheduled startup, shutdown, or maintenance resulting in excess emissions shall occur during any period in which an Atmospheric Stagnation Advisory or a Wood Stove Curtailment Advisory has been declared by DEQ.

[IDAPA 58.01.01.133.01.a, 3/20/97]

• Notifying DEQ of the excess emissions event as soon as reasonably possible, but no later than two hours prior to, the start of the event, unless the owner or operator demonstrates to DEQ's satisfaction that a shorter advance notice was necessary.

[IDAPA 58.01.01.133.01.b, 4/5/00]

• The owner or operator of a source of excess emissions shall report and record the information required pursuant to Permit Conditions 2.9.4 and 2.9.5 and IDAPA 58.01.01.135 and 136 for each excess emissions event due to startup, shutdown, or scheduled maintenance.

[IDAPA 58.01.01.133.01.c, 3/20/97]

Excess Emissions – Upset, Breakdown, or Safety Measures

2.9.3 In all cases where upset or breakdown of equipment or an emissions unit, or the initiation of safety measures, results or may result in an excess emissions event, the owner or operator of the facility or emissions unit generating the excess emissions shall demonstrate compliance with IDAPA 58.01.01.134.01(a) and (b) and the following:

[IDAPA 58.01.01.134, 4/5/00]

2.9.3.1 For all equipment or emissions units from which excess emissions result during upset or breakdown conditions, or for other situations that may necessitate the implementation of safety measures which cause excess emissions, the facility owner or operator shall comply with the following:

[IDAPA 58.01.01.134.02, 4/5/00]

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• The owner or operator shall immediately undertake all appropriate measures to reduce and, to the extent possible, eliminate excess emissions resulting from the event and to minimize the impact of such excess emissions on the ambient air quality and public health.

[IDAPA 58.01.01.134.02.a, 4/5/00]

• The owner or operator shall notify DEQ of any upset, breakdown, or safety event that results in excess emissions. Such notification shall identify the time, specific location, equipment or emissions unit involved, and (to the extent known) the cause(s) of the occurrence. The notification shall be given as soon as reasonably possible, but no later than 24 hours after the event, unless the owner or operator demonstrates to DEQ's satisfaction that the longer reporting period was necessary.

[IDAPA 58.01.01.134.02.b, 4/5/00]

• The owner or operator shall report and record the information required pursuant to Permit Conditions 2.9.4 and 2.9.5 and IDAPA 58.01.01.135 and 136 for each excess emissions event caused by an upset, breakdown, or safety measure.

[IDAPA 58.01.01.134.02.c, 3/20/97]

2.9.3.2 During any period of excess emissions caused by upset, breakdown, or operation under facility safety measures, DEQ may require the owner or operator to immediately reduce or cease operation of the equipment or emissions unit causing the period until such time as the condition causing the excess has been corrected or brought under control. Such action by DEQ shall be taken upon consideration of the factors listed in IDAPA 58.01.01.134.03 and after consultation with the facility owner or operator.

[IDAPA 58.01.01.134.03 4/5/00]

Excess Emissions - Reporting ad Recordkeeping

2.9.4 A written report for each excess emissions event shall be submitted to DEQ by the owner or operator no later than 15 days after the beginning of such an event. Each report shall contain the information specified in IDAPA 58.01.01.135.02.

[IDAPA 58.01.01.135.01 and 02, 3/20/97]

2.9.5 The owner or operator shall maintain excess emissions records at the facility for the most recent five-calendar-year period. The excess emissions records shall be made available to DEQ upon request and shall include the information requested by IDAPA 58.01.01.136.03(a) and (b) as summarized in the following:

[IDAPA 58.01.01.136.01, 02, 3/20/97; IDAPA 58.01.01.136.03, 4/5/00]

 An excess emissions record book for each emissions unit or piece of equipment containing copies of all reports that have been submitted to DEQ pursuant to IDAPA 58.01.01.135 for the particular emissions unit or equipment; and

[IDAPA 58.01.01.136.03.a, 4/5/00]

• Copies of all startup, shutdown, and scheduled maintenance procedures and upset, breakdown, or safety preventative maintenance plans that have been developed by the owner or operator in accordance with IDAPA 58.01.01.133 and 134, and facility records as necessary to demonstrate compliance with such procedures and plans.

[IDAPA 58.01.01.136.03.b, 3/20/97]

Performance Testing

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2.10 If performance testing is required, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test or shorter time period as provided in a permit, order, consent decree, or by DEQ approval. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests such testing not be performed on weekends or state holidays.

All testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, prior to conducting any performance test, the permittee is encouraged to submit in writing to DEQ, at least 30 days in advance, the following for approval:

- The type of method to be used
- Any extenuating or unusual circumstances regarding the proposed test
- The proposed schedule for conducting and reporting the test

The permittee shall submit a compliance test report for the respective test to DEQ within 30 days following the date in which a compliance test required by this permit is concluded. The compliance test report shall include all process operating data collected during the test period as well as the test results, raw test data, and associated documentation, including any approved test protocol.

The proposed test date(s), test date rescheduling notice(s), compliance test report, and all other correspondence shall be sent to the following address:

Air Quality Permit Compliance Department of Environmental Quality Coeur d' Alene Regional Office 2110 Ironwood Parkway Coeur d' Alene, Idaho 83814

Phone: (208) 769-1422 Fax: (208) 769-1404

[IDAPA 58.01.01.157, 4/5/00; IDAPA 58.01.01.322.06, 08.a, 09, 5/1/94]

Monitoring and Recordkeeping

2.11 If testing is required, the permittee shall use the test methods listed in Table 1.2 to measure the pollutant emissions.

Table 2.2 EPA REFERENCE TEST METHODS

Pollutant	Test Method*	Special Conditions		
DM	EPA Method 201.a			
PM_{10}	EPA Method 202			
PM	EPA Method 5			
NO _x	EPA Method 7			
СО	EPA Method 10			
VOC	EPA Method 25 or 25A	VOCs shall be expressed as carbon		
		If an NSPS source, IDAPA		
Opacity	EPA Method 9	58.01.01.625 and Method 9;		
		otherwise, IDAPA 58.01.01.625		
		only.		

^{*}Or a DEQ-approved alternative in accordance with IDAPA 58.01.01.157

The permittee shall maintain sufficient records to assure compliance with all of the terms and conditions of this operating permit. Records of monitoring information shall include, but not be limited to, the following:

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(a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

[IDAPA 58.01.01.322.07, 5/1/94]

Reports and Certifications

All periodic reports and certifications required by this permit shall be submitted to DEQ within 30 days of the end of each specified reporting period. Excess emissions reports and notifications shall be submitted in accordance with IDAPA 58.01.01.130-136. Reports, certifications, and notifications shall be submitted to:

Air Quality Permit Compliance Department of Environmental Quality Coeur d' Alene Regional Office 2110 Ironwood Parkway Coeur d' Alene, Idaho 83814 Phone: (208) 769-1422

The periodic compliance certification required by General Provision 21 shall also be submitted within 30 days of the end of the specified reporting period to:

EPA Region 10 Air Operating Permits, OAQ-107 1200 Sixth Ave. Seattle, WA 98101

Fax: (208) 769-1404

[IDAPA 58.01.01.322.08, 11, 5/1/94]

Fuel-Burning Equipment

2.13 The permittee shall not discharge PM to the atmosphere from any fuel-burning equipment in excess of 0.015 gr/dscf of effluent gas corrected to 3% oxygen by volume for gas, 0.050 gr/dscf of effluent gas corrected to 3% oxygen by volume for liquid, 0.050 gr/dscf of effluent gas corrected to 8% oxygen by volume for coal, and 0.080 gr/dscf of effluent gas corrected to 8% oxygen by volume for wood products.

[IDAPA 58.01.01.676-677, 5/1/94]

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Sulfur Content

- 2.14 The permittee shall not sell, distribute, use, or make available for use any distillate fuel oil containing more than the following percentages of sulfur:
 - ASTM Grade 1 fuel oil 0.3% by weight.
 - ASTM Grade 2 fuel oil 0.5% by weight.

[IDAPA 58.01.01.728, 5/1/94]

2.14.1 The permittee shall not sell, distribute, use, or make available for use, any coal containing greater than 1% sulfur by weight.

[IDAPA 58.01.01.729, 5/1/94]

2.14.2 The permittee shall maintain documentation of supplier verification of distillate fuel oil content on an as-received basis.

[IDAPA 58.01.01.322.06, 5/1/94]

Open Burning

2.15 The permittee shall comply with the *Rules for Control of Open Burning*, IDAPA 58.01.01.600-617. **[IDAPA 58.01.01.600-617, 4/5/00]**

Renovation/Demolition

2.16 The permittee shall comply with all applicable portions of 40 CFR 61, Subpart M when conducting any renovation or demolition activities at the facility.

[40 CFR 61, Subpart M]

Regulated Substances for Accidental Release Prevention

- 2.17 An owner or operator of a stationary source that has more than a threshold quantity of a regulated substance in a process, as determined under 40 CFR 68.115, shall comply with the requirements of the Chemical Accident Prevention Provisions at 40 CFR 68 no later than the latest of the following dates:
 - Three years after the date on which a regulated substance present above a threshold quantity is first listed under 40 CFR 68.130.
 - The date on which a regulated substance is first present above a threshold quantity in a process.

[40 CFR 68.10 (a)]

Recycling and Emissions Reductions

2.18 The permittee shall comply with applicable standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, Recycling and Emissions Reduction.

[40 CFR 82, Subpart F]

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3. PERRY SMITH ABCO – WOOD FIRED BOILER, BOILER NO. 1

Summary Description

The following is a narrative equipment description of boiler No. 1 regulated in this Tier 1 operating permit, and is included for informational purposes.

Boiler No. 1 was manufactured in 1976 and was initially permitted for operation at Brand S Corporation on February 1, 1978 (Air Pollution Source Permit No. 0240-0027). Riley Creek Lumber purchased Brand S Corporation some time after 1979 and subsequently permitted the boiler on March 1, 1984 (Air Pollution Source Permit No. 0240-0027). The boiler's rated heat capacity is 70.23 MMBtu/hr, and it is fired on wood fuel exclusively. The boiler is located in the steam plant building and operates 24 hours per day, seven days per week, and 52 weeks per year.

Table 3.1 describes the devices used to control emissions from boiler No. 1.

Table 3.1 EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES

Emissions Unit(s) / Process(es)	Emissions Control Device	
Perry Smith Abco, boiler No. 1	One primary multiclone and one secondary ESP	

Table 3.2 contains only a summary of the requirements that apply to Boiler No. 1. Specific permit requirements are listed below Table 3.2.

Table 3.2 APPLICABLE REQUIREMENTS SUMMARY

Permit Conditions	Parameter	Permit Limit / Standard Summary	Applicable Requirements Reference	Operating and Monitoring and Recordkeeping Requirements
3.1	PM	0.200 gr/dscf at 8% oxygen	58.01.01.677	3.8, 3.14, 3.15, 3.16,3.22, 3.23
3.2	PM	22 lb/hr and 96 T/yr	PTC No. 017-00027	3.8, 3.14, 3.15, 3.17, 3.22, 3.23
3.3	СО	46 lb/hr, 203 T/yr	PTC No. 017-00027	3.14, 3.15, 3.18, 3.22, 3.23
3.4	Visible emissions	20 % opacity for no more than three minutes in any 60-minute period.	IDAPA 58.01.01.625	3.20, 3.25
3.5	Steaming rate	44,200 lb/hr	May 4, 2004 Source test	3.14, 3.22
3.9	Multiclone pressure differential	Between 0.5 and 5.9 inches	40 CFR 64.6	3.21
3.12	ESP voltage and amperage	Manufacturer and O&M manual specifications	PTC No. 017-00027	3.19, 3.24

Permit Limits / Standard Summary

3.1 A person shall not discharge to the atmosphere from any fuel-burning equipment in operation prior to October 1, 1979, or with a maximum rated input of less than 10 MMBtu/hr, PM in excess of 0.200 gr/dscf corrected to 8% oxygen.

[IDAPA 58.01.01.677, 5/1/94; PTC No. 017-00027, 6/26/01]

3.2 Particulate matter emissions from the boiler No. 1 stack shall not exceed 22 lb/hr or 96 T/yr.

[PTC No. 017-00027, 6/26/01]

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3.3 Carbon monoxide emissions from the boiler No. 1 stack shall not exceed 46 lb/hr or 203 T/yr.

[PTC No. 017-00027, 6/26/01]

3.4 The permittee shall comply with Permit Condition 2.7.

[IDAPA 58.01.01.625, 4/5/00; PTC No. 017-00027, 6/26/01]

Operating Requirements

3.5 The maximum steaming rate of boiler No. 1 shall not exceed 44,200 lb/hr of steam, averaged over a three-hour period. The allowable steaming rate can be modified by conducting a source test(s), which demonstrates compliance with applicable standards. In any case where the allowable steaming rate is modified by a source test(s), the maximum allowable steaming rate shall be limited to 120% of the average steaming rate attained during any compliance test period, for which a test protocol has been granted prior approval by the DEQ, unless (1) the test demonstrates noncompliance, (2) a more restrictive steaming limit is specified elsewhere in this permit, or (3) at such an steaming rate, emissions would exceed any emission limit(s) set forth in this permit.

[May 4, 2004 Source Test and July 2, 2004 approval letter, PTC No. 017-00027, 6/26/01]

3.6 The permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer specifications, equipment to measure the steam production rate of boiler No. 1.

[PTC No. 017-00027, 6/26/01]

3.7 The permittee shall install, maintain in good working order, and operate as efficiently as practical, in accordance with manufacturer specifications, an ESP on the No. 1 boiler stack to control PM emissions from the No. 1 boiler.

[PTC No. 017-00027, 6/26/01]

- 3.8 The associated multiclone and ESP shall be operated anytime boiler No. 1 is operated to control PM. [IDAPA 58.01.01.322.01, 40 CFR 64.6]
- 3.9 The associated multiclone shall be operated with a differential pressure between 0.5 and 5.9 inches in the water column.

[40 CFR 64.6]

3.10 The permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer specifications, equipment to continuously measure the voltage and amperage applied by each T/R set to the discharge electrodes and each ESP field.

[PTC No. 017-00027, 6/26/01]

3.11 The permittee shall have developed an O&M manual for the ESP and shall contain according to manufacturer specifications and recommendations (including voltage and amperage range specifications) and shall be updated as necessary. This manual shall describe the methods and procedures that will be followed to assure the ESP is maintained in good working order and operated as efficiently as practical. The manual shall remain onsite at all times and shall be made available to DEQ representatives upon request.

[PTC No. 017-00027, 6/26/01, 40 CFR 64.6]

3.12 The voltage and amperage applied by each T/R set to the discharge electrodes shall be maintained within manufacturer and O&M manual specifications. Documentation of both the manufacturer and O&M manual voltage and amperage specifications shall remain onsite at all times and shall be made available to

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DEQ representatives upon request.

[PTC No. 017-00027, 6/26/01, 40 CFR 64.6]

3.13 Upon detection of an excursion or exceedance (indicators outside of manufacturer or O&M Manual specification range), the permittee shall restore operation of boiler no. 1, the associated multiclone and ESP, and the ESP power input monitoring system to the normal or usual manner of operation as expeditiously as practicable, in accordance with good air pollution control practices for minimizing emissions, and in accordance with the provisions of 40 CFR 64.7(d).

[40 CFR 64.7(d), 64.6(c)(3)]

Monitoring and Recordkeeping Requirements

3.14 The permittee shall monitor and record hourly, the steam production rate of boiler No. 1. The steam production rate shall be recorded as pounds per hour. Boiler No. 1 steam production rate records shall be kept at the facility for the most recent five-year period and shall be made available to DEQ representatives upon request.

[IDAPA 58.01.01.322.07, 5/1/94; PTC No. 017-00027, 6/26/01]

3.15 Within the first year of the five-year Tier I operating permit term, the permittee shall conduct a compliance test for PM and CO as specified in Permit Condition 2.10. The steaming rate of the boiler shall be monitored and recorded during the compliance test.

[IDAPA 58.01.01.322.06(c), (d), 08(a), 09, 5/1/94; PTC No. 017-00027, 6/26/01]

3.16 If the particulate grain loading measured in the initial compliance test is less than or equal to 75% of the emission standard in IDAPA 58.01.01.677, no further testing shall be required during the permit term. If the particulate grain loading measured during the initial compliance test is greater than 75%, but less than or equal to 90% of the emission standard in IDAPA 58.01.01.677, a second test shall be required in the third year of the permit term. If the initial particulate grain loading measured during the compliance test is greater than 90% of the emission standard in IDAPA 58.01.01.677, the permittee shall conduct a compliance test annually.

[IDAPA 58.01.01.322.06(c), (d), 09, 5/1/94]

3.17 If the PM emission rate measured in the initial compliance test is less than or equal to 75% of the hourly emission rate limit in Permit Condition 3.2, no further testing shall be required during the permit term. If the PM emission rate measured during the initial compliance test is greater than 75%, but less than or equal to 90% of the hourly emission rate limit in Permit Condition 3.2, a second test shall be required in the third year of the permit term. If the PM emission rate measured during the initial compliance test is greater than 90% of the hourly emission rate limit in Permit Condition 3.2, the permittee shall conduct a compliance test annually.

[IDAPA 58.01.01.322.06(c), (d), 09, 5/1/94]

3.18 If the CO emission rate measured in the initial compliance test is less than or equal to 75% of the hourly emission rate limit in Permit Condition 3.3, no further testing shall be required during the permit term. If the CO emission rate measured during the initial compliance test is greater than 75%, but less than or equal to 90% of the hourly emission rate limit in Permit Condition 3.3, a second test shall be required in the third year of the permit term. If the CO emission rate measured during the initial compliance test is greater than 90% of the hourly emission rate limit in Permit Condition 3.3, the permittee shall conduct a compliance test annually.

[IDAPA 58.01.01.322.06(c), (d), 09, 5/1/94]

3.19 The permittee shall monitor and record hourly, the voltage and amperage applied by each T/R set to the

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discharge electrodes. A minimum of 20 hourly readings shall be recorded per day. The voltage and amperage recorded shall be consistent with manufacturer and O&M manual units of measure. The voltage and amperage records shall be kept at the facility for the most recent five-year period and shall be made available to DEQ representatives upon request.

[IDAPA 58.01.01.322.07, 5/1/94; PTC No. 017-00027, 6/26/01, 40 CFR 64.6]

3.20 The permittee shall comply with Permit Condition 2.8.

[IDAPA 58.01.01.322.06, 07, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00]

3.21 The permittee shall monitor and record at least once daily the differential pressure in the water column of the multiclone associated with boiler No. 1.

[40 CFR 64.6(c)]

Reporting

3.22 The permittee shall submit to the DEQ and the EPA every six months, a summary report of steam production data acquired through Permit Condition 3.14. The summary report is to be received no later than 30 days after the end of each six-month period.

[IDAPA 58.01.01.322.08(a), 5/1/94]

3.23 The permittee shall report the results of the compliance test required in Permit Condition 3.15 to the DEQ and the EPA in a written report to be received no later than 30 days after completion of the test. If additional compliance testing is conducted, it shall be conducted in accordance with Permit Conditions 3.16, 3.17, or 3.18, and the permittee shall report the results to the DEQ and the EPA in a written report to be received no later than 30 days after completion of the test.

[IDAPA 58.01.01.322.08(a), 5/1/94; PTC No. 017-00027, 6/26/01]

3.24 The permittee shall submit to the DEQ and EPA every six months, a summary report of the ESP monitoring data acquired through Permit Condition 3.19. The summary report is to be received no later than 30 days after the end of each six-month period.

[IDAPA 58.01.01.322.08(a), 5/1/94]

3.25 The permittee shall submit to the DEQ and EPA every six months, a summary report of the visible emissions monitoring data acquired through Permit Condition 3.20. The summary report is to be received no later than 30 days after the end of each six-month period.

[IDAPA 58.01.01.322.08, 11, 4/5/00]

3.26 All documents including, but not limited to, records, monitoring data, supporting information, testing reports, or compliance certifications submitted to the DEQ shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

[PTC No. 017-00027, 6/26/01]

3.27 The permittee shall submit required reports in accordance with Permit Condition 2.12 and 40 CFR 64.9. **[40 CFR 64.9]**

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4. KIPPER AND SONS – WOOD-FIRED BOILER, BOILER NO. 2

Summary Description

The following is a narrative equipment description of boiler No. 2 regulated in this Tier 1 operating permit, and is included for informational purposes.

Boiler No. 2 was manufactured in 1975. Riley Creek Lumber obtained a permit to construct for the boiler on December 31, 1996 (PTC No. 017-00027). The boiler's rated heat capacity is 67.69 MMBtu/hr, and it is fired on wood fuel exclusively. The boiler is located in the steam plant building. The boiler's rated heat capacity is 70.23 MMBtu/hr, and it is fired on wood fuel exclusively. The boiler is located in the steam plant building and operates 24 hours per day, seven days per week, and 52 weeks per year.

Table 4.1 describes the devices used to control emissions from Boiler No. 2.

Table 4.1 EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES

Emissions Unit(s) / Process(es)	Emissions Control Device	
Kipper and Sons, Boiler No. 2	One primary multiclone and one secondary ESP	

Table 4.2 contains only a summary of the requirements that apply to Boiler No. 2. Specific permit requirements are listed below Table 4.2.

Table 4.2 APPLICABLE REQUIREMENTS SUMMARY

Permit Conditions	Parameter	Permit Limit / Standard Summary	Applicable Requirements Reference	Operating and Monitoring and Recordkeeping Requirements
4.1	PM	0.080 gr/dscf at 8% Oxygen	IDAPA 58.01.01.676	4.9, 4.15, 4.16, 4.17,4.23, 4.24
4.2	PM	12 lb/hr and 53 T/yr	PTC No. 017-00027	4.9, 4.15, 4.16, 4.18,4.23, 4.24
4.3	СО	70 lb/hr and 306 T/yr	PTC No. 017-00027	4.15, 4.16, 4.19, 4.23, 4.24
4.4	Visible emissions	20% opacity for no more than three minutes in any 60-minute period	IDAPA 58.01.01.625	4.21, 4.26
4.5	Steaming rate	39,200 lb/hr	PTC No. 017-00027	4.15, 4.23
4.13	ESP voltage and amperage	Manufacturer and O&M manual specifications	PTC No. 017-00027	4.20, 4.25

Permit Limits / Standard Summary

4.1 A person shall not discharge to the atmosphere from any fuel-burning equipment in operation on or after October1, 1979, with a maximum rated input equal to or exceeding 10 MMBtu/hr, particulate matter in excess of 0.080 gr/dscf corrected to 8% oxygen.

[IDAPA 58.01.01.676, 5/1/94; PTC No. 017-00027, 6/26/01]

4.2 Particulate matter emissions from the boiler No. 2 stack shall not exceed 12 lb/hr or 53 T/yr.

[PTC No. 017-00027, 6/26/01]

4.3 Carbon monoxide emissions from the boiler No. 2 stack shall not exceed 70 lb/hr or 306 T/yr.

[PTC No. 017-00027, 6/26/01]

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4.4 The permittee shall comply with Permit Condition 2.7.

[IDAPA 58.01.01.625, 4/5/00; PTC No. 017-00027, 6/26/01]

Operating Requirements

4.5 The maximum steaming rate of boiler No. 2 shall not exceed 39,200 lb/hr of steam, averaged over a three-hour period. The allowable steaming rate can be modified by conducting a source test(s), which demonstrates compliance with applicable standards. In any case where the allowable steaming rate is modified by a source test(s), the maximum allowable steaming rate shall be limited to 120% of the average steaming rate attained during any compliance test period, for which a test protocol has been granted prior approval by the DEQ, unless (1) the test demonstrates noncompliance, (2) a more restrictive steaming limit is specified elsewhere in this permit, or (3) at such an steaming rate, emissions would exceed any emission limit(s) set forth in this permit.

[PTC No. 017-00027, 6/26/01]

4.6 Conveyors and drop points in the wood-waste fuel handling system shall be enclosed on the sides to minimize fugitive dust emissions.

[PTC No. 017-00027, 6/26/01]

4.7 The permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer specifications, equipment to measure the steam production rate of boiler No. 2.

[PTC No. 017-00027, 6/26/01]

4.8 The permittee shall install, maintain in good working order, and operate as efficiently as practical, in accordance with the manufacturer's specifications, an ESP on the No. 2 boiler stack to control PM emissions from the No. 2 boiler.

[PTC No. 017-00027, 6/26/01]

- 4.9 The associated multiclone and ESP shall be operated anytime boiler No. 2 is operated to control PM. [IDAPA 58.01.01.322.01, 40 CFR 64.3]
- 4.10 The associated multiclone shall be operated with a differential pressure between 0.5 and 5.9 inches in the water column.

[40 CFR 64.6]

4.11 The permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer specifications, equipment to continuously measure the voltage and amperage applied by each T/R set to the discharge electrodes and each ESP field.

[PTC No. 017-00027, 6/26/01]

4.12 The permittee shall have developed an O&M manual for the ESP and shall contain according to manufacturer specifications and recommendations (including voltage and amperage range specifications) and shall be updated as necessary. This manual shall describe the methods and procedures that will be followed to assure the ESP is maintained in good working order and operated as efficiently as practical. The manual shall remain onsite at all times and shall be made available to DEQ representatives upon request.

[PTC No. 017-00027, 6/26/01, 40 CFR 64.6]

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4.13 The voltage and amperage applied by each T/R set to the discharge electrodes shall be maintained within manufacturer and O&M manual specifications. Documentation of both the manufacturer and O&M manual voltage and amperage specifications shall remain onsite at all times and shall be made available to DEQ representatives upon request.

[PTC No. 017-00027, 6/26/01, CFR 64.6]

4.14 Upon detection of an excursion or exceedance, the permittee shall restore operation of boiler no. 2, the associated multiclone and ESP, and the ESP power input monitoring system to the normal or usual manner of operation as expeditiously as practicable, in accordance with good air pollution control practices for minimizing emissions, and in accordance with the provisions of 40 CFR 64.7(d).

[40 CFR 64.7(d), 64.6(c)(3)]

Monitoring & Recordkeeping Requirements

4.15 The permittee shall monitor and record hourly, the steam production rate of boiler No. 2. The steam production rate shall be recorded as pounds per hour. Boiler No. 2 steam production rate records shall be kept at the facility for the most recent five-year period and shall be made available to DEQ representatives upon request.

[IDAPA 58.01.01.322.07, 5/1/94; PTC No. 017-00027, 6/26/01]

4.16 Within the first year of the five-year Tier I operating permit term, the permittee shall conduct a compliance test for PM and CO as specified in Permit Condition 2.10. The steaming rate of the boiler shall be monitored and recorded during the compliance test.

[IDAPA 58.01.01.322.06.c, d, 08.a, 09, 5/1/94; PTC No. 017-00027, 6/26/01]

4.17 If the particulate grain loading measured in the initial compliance test is less than or equal to 75% of the emission standard in IDAPA 58.01.01.677, no further testing shall be required during the permit term. If the particulate grain loading measured during the initial compliance test is greater than 75%, but less than or equal to 90% of the emission standard in IDAPA 58.01.01.677, a second test shall be required in the third year of the permit term. If the initial particulate grain loading measured during the compliance test is greater than 90% of the emission standard in IDAPA 58.01.01.677, the permittee shall conduct a compliance test annually.

[IDAPA 58.01.01.322.06.c, d, 09, 5/1/94]

4.18 If the PM emission rate measured in the initial compliance test is less than or equal to 75% of the hourly emission rate limit in Permit Condition 3.3, no further testing shall be required during the permit term. If the PM emission rate measured during the initial compliance test is greater than 75%, but less than or equal to 90% of the hourly emission rate limit in Permit Condition 3.3, a second test shall be required in the third year of the permit term. If the PM emission rate measured during the initial compliance test is greater than 90% of the hourly emission rate limit in Permit Condition 3.3, the permittee shall conduct a compliance test annually.

[IDAPA 58.01.01.322.06.c, d, 09, 5/1/94]

4.19 If the CO emission rate measured in the initial compliance test is less than or equal to 75% of the hourly emission rate limit in Permit Condition 3.2, no further testing shall be required during the permit term. If the CO emission rate measured during the initial compliance test is greater than 75%, but less than or equal to 90% of the hourly emission rate limit in Permit Condition 3.2, a second test shall be required in the third year of the permit term. If the CO emission rate measured during the initial compliance test is greater than 90% of the hourly emission rate limit in Permit Condition 3.2, the permittee shall conduct a compliance test annually.

[IDAPA 58.01.01.322.06.c, d, 09, 5/1/94]

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4.20 The permittee shall monitor and record hourly, the voltage and amperage applied by each T/R set to the discharge electrodes. A minimum of 20 hourly readings shall be recorded per day. The voltage and amperage recorded shall be consistent with manufacturer and O&M manual units of measure. The voltage and amperage records shall be kept at the facility for the most recent five-year period and shall be made available to DEQ representatives upon request.

[IDAPA 58.01.01.322.07, 5/1/94; PTC No. 017-00027, 6/26/01, 40 CFR 64.6]

4.21 The permittee shall comply with Permit Condition 2.8.

[IDAPA 58.01.01.322.06, 07, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00]

4.22 The permittee shall monitor and record at least once daily the differential pressure in the water column of the multiclone associated with boiler No. 2.

[40 CFR 64.6(c)]

Reporting

4.23 The permittee shall submit to the DEQ and the EPA every six months, a summary report of the steam generation data acquired through Permit Condition 4.15. The summary report is to be received no later than 30 days after the end of each six-month period.

[IDAPA 58.01.01.322.08.a, 5/1/94]

4.24 The permittee shall report the results of the compliance test required in Permit Condition 4.16 to the DEQ and the EPA in a written report to be received no later than 30 days after completion of the test. If additional compliance testing is conducted, it shall be conducted in accordance with Permit Conditions 4.17, 4.18, 4.19, and the permittee shall report the results to the DEQ and the EPA in a written report to be received no later than 30 days after completion of the test.

[IDAPA 58.01.01.322.08.a, 5/1/94; PTC No. 017-00027, 6/26/01]

4.25 The permittee shall submit to the DEQ and EPA every six months, a summary report of the ESP monitoring data acquired through Permit Condition 4.20. The summary report is to be received no later than 30 days after the end of each six-month period.

[IDAPA 58.01.01.322.08(a), 5/1/94]

4.26 The permittee shall submit to the DEQ and EPA every six months, a summary report of the visible emissions monitoring data acquired through Permit Condition 4.21. The summary report is to be received no later than 30 days after the end of each six-month period.

[IDAPA 58.01.01.322.08.a, 5/1/94]

4.27 All documents including, but not limited to, records, monitoring data, supporting information, testing reports, or compliance certifications submitted to the DEQ shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

[PTC No. 017-00027, 6/26/01]

4.28 The permittee shall submit required reports in accordance with Permit Condition 2.12 and 40 CFR 64.9.

[40 CFR 64.9]

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5. RAIL CAR TARGET BOX AND PLANER SHAVINGS CYCLONE

Summary Description

The following is a narrative description of the sources regulated in this section of the Tier I operating permit. This description is for informational purposes only.

The rail car target box receives wood chips pneumatically from the sawmill and planer mill, and is classified as a point source due to the presence of an air-displacement stack. The planer shavings cyclone now has a baghouse which was required by the July 10, 2001 consent order as part of a DEQ-approved supplemental environmental project.

Table 5.1 describes the devices used to control emissions from the rail car target box and planer shavings cyclone.

Table 5.1 EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES

Emissions Unit(s) / Process(es)	Emissions Control Device	
Rail car target box	None	
Planer shavings cyclone	Planer shavings cyclone baghouse	

Table 5.2 contains only a summary of the requirements that apply to the rail car target box and planer shavings cyclone baghouse. Specific permit requirements are listed below Table 5.2.

Table 5.2 APPLICABLE REQUIREMENTS SUMMARY

Permit Conditions	Parameter	Permit Limit / Standard Summary	Applicable Requirements Reference	Operating and Monitoring and Recordkeeping Requirements
5.1	PM	Gr/dscf, 2.14 lb/hr, 9.39 T/yr	IDAPA 58.01.01.710.08(b), PTC No. 017-00027	5.9, 5.13
5.2	Fugitive emissions	Reasonable control	IDAPA 58.01.01.651, PTC No. 017-00027	5.9, 5.11
5.3	Visible emissions	20% opacity for no more than three minutes in any 60-minute period	PTC No. 017-00027	5.10, 5.13
5.7	Pressure differential	Manufacturer and O&M manual specifications	PTC No. 017-00027	5.8, 5.12

Permit Limits / Standard Summary

Particulate matter emissions from the planer shavings cyclone baghouse shall not exceed 0.1 gr/dscf as required by IDAPA 58.01.01.710.08.b, nor shall they exceed 2.14 lb/hr or 9.39 T/yr.

[PTC No. 017-00027, 6/26/01]

5.2 The permittee shall comply with Permit Condition 2.1.

[IDAPA 58.01.01.650-651, 5/1/94; PTC No. 017-00027, 6/26/01]

Operating Requirements

5.3 The permittee shall comply with Permit Condition 2.7.

[IDAPA 58.01.01.625, 4/5/00; PTC No. 017-00027, 6/26/01]

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The permittee shall install, maintain in good working order, and operate as efficiently as practical, in accordance with manufacturer specifications, the baghouse on the planer shavings cyclone to control PM emissions.

[PTC No. 017-00027, 6/26/01]

5.5 The permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer specifications, equipment to continuously measure the pressure differential across the planer shavings baghouse.

[PTC No. 017-00027, 6/26/01]

The permittee shall have developed an O&M manual for the planer shavings cyclone baghouse according to manufacturer specifications and recommendations. This manual shall describe the methods and procedures that will be followed to assure the planer shavings cyclone baghouse is maintained in good working order and operated as efficiently as practical. The manual shall remain onsite at all times and shall be made available to DEQ representatives upon request.

[PTC No. 017-00027, 6/26/01]

5.7 The pressure differential across the planer shavings cyclone baghouse shall be maintained within manufacturer and O&M manual specifications. Documentation of both the manufacturer and O&M manual operating pressure differential specifications shall remain onsite at all times and shall be available to DEQ representatives upon request.

[PTC No. 017-00027, 6/26/01]

Monitoring and Recordkeeping Requirements

5.8 The permittee shall monitor once per day, while in operation, the pressure differential across the planer shavings cyclone baghouse. Records of the pressure differential shall remain onsite for the most recent two-year period and shall be made available to DEQ representatives upon request.

[PTC No. 017-00027, 6/26/01]

The permittee shall comply with Permit Conditions 2.2 through 2.4.

[IDAPA 58.01.01.322.06, 07, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00]

5.10 The permittee shall comply with Permit Condition 2.8.

[PTC No. 017-00027, 6/26/01]

Reporting Requirements

5.11 The permittee shall submit to the DEQ and EPA every six months, a summary report of the fugitive emissions records acquired through Permit Condition 5.9. The summary report is to be received no later than 30 days after the end of each six-month period.

[IDAPA 58.01.01.322.08.a, 5/1/94]

5.12 The permittee shall submit to the DEQ and EPA every six months, a summary report of the pressure differential records acquired through Permit Condition 5.8. The summary report is to be received no later than 30 days after each six-month period.

[IDAPA 58.01.01.322.08.a, 5/1/94]

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5.13 The permittee shall submit to the DEQ and EPA every six months, a summary report of visible emissions records acquired through Permit Condition 5.10. The summary report is to be received no later than 30 days after the end of each six-month period.

[IDAPA 58.01.01.322.08.a, 5/1/94]

All documents including, but not limited to, records, monitoring data, supporting information, testing reports, or compliance certifications submitted to the DEQ shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

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6. MISCELLANEOUS SOURCES

Summary Description

The sources listed in this section of the Tier I operating permit are not currently subject to regulation(s) under any other DEQ-issued permits. These sources have potential PM emission rates exceeding 10% of the significance level in IDAPA 58.01.01.317. These sources are also subject to IDAPA 58.01.01.702. Therefore, they are grouped together in this section with applicable requirements of the *Rules*. The following sources are included in this permit as miscellaneous sources: debarker, bark hog shredder, drying kilns, sawdust bin truck loadout, and sawmill chip bin truck loadout.

Table 6.1 describes the devices used to control emissions from the listed miscellaneous sources at the facility.

Table 6.1 EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES

Emissions Unit(s) / Process(es)	Emissions Control Device
Debarker	None
Bark hog shredder	None
Drying kilns	None
Sawdust bin truck	None
Sawmill chip bin truck loadout	None

Table 6.2 contains only a summary of the requirements that apply to the miscellaneous sources. Specific permit requirements are listed below Table 6.2.

 Table 6.2
 APPLICABLE REQUIREMENTS SUMMARY

Permit Condition	Parameter	Permit Limit / Standard Summary	Applicable Requirements Reference	Operating and Monitoring and Recordkeeping Requirements
6.1	PM	Process weight	IDAPA 58.01.01.702	Not required

Permit Limits / Standard Summary

- 6.1 The debarker, bark hog shredder, drying kilns, sawdust bin truck loadout, and sawmill chip bin truck loadout shall not emit to the atmosphere PM in excess of the amount shown by the following equations, where *E* is the allowable emission from the entire source in pounds per hour, and PW is the process weight in pounds per hour:
 - a. If PW is less than 17,000 lb/hr,

$$E = 0.045 (PW)^{0.60}$$

b. If PW is equal to or greater than 17,000 lb/hr,

$$E = 1.12(PW)^{0.27}$$

[IDAPA 58.01.01.702, 4/5/00]

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7. INSIGNIFICANT ACTIVITIES

Activities and emission units identified as insignificant under IDAPA 58.01.01.317.01(b) are listed in the Tier I operating permit to qualify for a permit shield.

Table 7.1 INSIGNIFICANT ACTIVITIES

Description	Insignificant Activities IDAPA 58.01.01.317.01(b)(I) Citation
0 '11 ' 1	
Sawmill, indoor	IDAPA 58.01.01.317.01(b)(i)(30)
Sawmill screen (classifier), indoor	IDAPA 58.01.01.317.01(b)(i)(30)
Sawmill chipper, indoor	IDAPA 58.01.01.317.01(b)(i)(30)
Planer, indoor	IDAPA 58.01.01.317.01(b)(i)(30)
Planer chipper, indoor	IDAPA 58.01.01.317.01(b)(i)(30)
Planer trimmer, indoor	IDAPA 58.01.01.317.01(b)(i)(30)
Planer shavings convey	IDAPA 58.01.01.317.01(b)(i)(30)
Planer shavings bin truck loadout	IDAPA 58.01.01.317.01(b)(i)(30)
Fire water pump	IDAPA 58.01.01.317.01(b)(i)(30)
Small generators and compressors	IDAPA 58.01.01.317.01(b)(i)(6)

7.1 There are no monitoring, recordkeeping, or reporting requirements for insignificant emission units or activities beyond those required in the Facility-wide Permit Conditions.

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8. TIER I OPERATING PERMIT GENERAL PROVISIONS

General Compliance

1. The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application.

[IDAPA 58.01.01.322.15.a, 5/1/94; 40 CFR 70.6(a)(6)(i)]

- 2. It shall not be a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the terms and conditions of this permit.

 [IDAPA 58.01.01.322.15.b, 5/1/94; 40 CFR 70.6(a)(6)(ii)]
- 3. Any permittee who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information.

[IDAPA 58.01.01.315.01, 5/1/94; 40 CFR 70.5(b)]

Reopening

4. This permit may be revised, reopened, revoked and reissued, or terminated for cause. Cause for reopening exists under any of the circumstances listed in IDAPA 58.01.01.386. Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable in accordance with IDAPA 58.01.01.360 through 369.

[IDAPA 58.01.01.322.15.c, 5/1/94; IDAPA 58.01.01.386, 3/19/99; 40 CFR 70.7(f)(1), (2); 40 CFR 70.6(a)(6)(iii)]

5. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

[IDAPA 58.01.01.322.15.d, 5/1/94; 40 CFR 70.6(a)(6)(iii)]

Property Rights

6. This permit does not convey any property rights of any sort, or any exclusive privilege.

[IDAPA 58.01.01.322.15.e, 5/1/94; 40 CFR 70.6(a)(6)(iv)]

Information Requests

7. The permittee shall furnish all information requested by DEQ, within a reasonable time, that DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit.

[Idaho Code §39-108; IDAPA 58.01.01.122, 4/5/00; IDAPA 58.01.01.322.15.f, 4/5/00; 40 CFR 70.6(a)(6)(v)]

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8. Upon request, the permittee shall furnish to DEQ copies of records required to be kept by this permit. For information claimed to be confidential, the permittee may furnish such records along with a claim of confidentiality in accordance with Idaho Code §9-342A and applicable implementing regulations including IDAPA 58.01.01.128.

[IDAPA 58.01.01.322.15.g, 5/1/94; IDAPA 58.01.01.128, 4/5/00; 40 CFR 70.6(a)(6)(v)]

Severability

9. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

[IDAPA 58.01.01.322.15.h, 5/1/94; 40 CFR 70.6(a)(5)]

Changes Requiring Permit Revision or Notice

10. The permittee may not commence construction or modification of any stationary source, facility, major facility, or major modification without first obtaining all necessary permits to construct or an approval under IDAPA 58.01.01.213, or complying with IDAPA 58.01.01.220 through 223. The permittee shall comply with IDAPA 58.01.01.380 through 386 as applicable.

[IDAPA 58.01.01.200-223, 4/6/05; IDAPA 58.01.01.322.15.i, 3/19/99; IDAPA 58.01.01.380-386, 7/1/02; 40 CFR 70.4(b)(12), (14), (15), and 70.7(d), (e)]

11. Changes that are not addressed or prohibited by the Tier I operating permit require a Tier I operating permit revision if such changes are subject to any requirement under Title IV of the CAA, 42 U.S.C. Section 7651 through 7651c, or are modifications under Title I of the CAA, 42 U.S.C. Section 7401 through 7515. Administrative amendments (IDAPA 58.01.01.381), minor permit modifications (IDAPA 58.01.01. 383), and significant permit modifications (IDAPA 58.01.01.382) require a revision to the Tier I operating permit. IDAPA 58.01.01.502(b)(10) changes are authorized in accordance with IDAPA 58.01.01.384. Off-permit changes and required notice are authorized in accordance with IDAPA 58.01.01.385.

[IDAPA 58.01.01.381-385, 7/1/02; IDAPA 58.01.01.209.05, 4/5/00; 40 CFR 70.4(b)(14) and (15)]

Federal and State Enforceability

12. Unless specifically identified as a "State-only" provision, all terms and conditions in this permit, including any terms and conditions designed to limit a source's potential to emit, are enforceable: (i) by DEQ in accordance with state law; and (ii) by the United States or any other person in accordance with federal law.

[IDAPA 58.01.01.322.15.j, 5/1/94; 40 CFR 70.6(b)(1) and (2)]

13. Provisions specifically identified as a "State-only" provision are enforceable only in accordance with state law. "State-only" provisions are those that are not required under the Federal Clean Air Act or under any of its applicable requirements or those provisions adopted by the state prior to federal approval.

[Idaho Code §39-108; IDAPA 58.01.01.322.15.k, 3/23/98]

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Inspection and Entry

- 14. Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:
 - a. Enter upon the permittee's premises where a Tier I source is located or emissions related activity is conducted, or where records are kept under conditions of this permit;
 - b. Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
 - d. As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

[Idaho Code §39-108; IDAPA 58.01.01.322.15.i, 3/19/99; 40 CFR 70.6(c)(2)]

New Requirements During Permit Term

15. The permittee shall comply with applicable requirements that become effective during the permit term on a timely basis.

[IDAPA 58.01.01.322.10, 4/6/05; IDAPA 58.01.01.314.10.a.ii, 5/1/94; 40 CFR 70.6(c)(3) citing 70.5(c)(8)]

Fees

16. The owner or operator of a Tier I source shall pay annual registration fees to DEQ in accordance with IDAPA 58.01.01.387 through IDAPA 58.01.01.397.

[IDAPA 58.01.01.387, 4/2/03; 40 CFR 70.6(a)(7)]

Certification

17. All documents submitted to DEQ shall be certified in accordance with IDAPA 58.01.01.123 and comply with IDAPA 58.01.01.124.

[IDAPA 58.01.01.322.15.o, 5/1/94; 40 CFR 70.6(a)(3)(iii)(A); 40 CFR 70.5(d)]

Renewal

18. a. The owner or operator of a Tier I source shall submit an application to DEQ for a renewal of this permit at least six months before, but no earlier than 18 months before, the expiration date of this operating permit. To ensure that the term of the operating permit does not expire before the permit is renewed, the owner or operator is encouraged to submit a renewal application nine months prior to the date of expiration.

[IDAPA 58.01.01.313.03, 4/5/00; 40 CFR 70.5(a)(1)(iii)]

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b. If a timely and complete application for a Tier I operating permit renewal is submitted, but DEQ fails to issue or deny the renewal permit before the end of the term of this permit, then all the terms and conditions of this permit including any permit shield that may have been granted pursuant to IDAPA 58.01.01.325 shall remain in effect until the renewal permit has been issued or denied.

[IDAPA 58.01.01.322.15.p, 5/1/94; 40 CFR 70.7(b)]

Permit Shield

- 19. Compliance with the terms and conditions of the Tier I operating permit, including those applicable to all alternative operating scenarios and trading scenarios, shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:
 - a. Such applicable requirements are included and are specifically identified in the Tier I operating permit; or
 - i. DEQ has determined that other requirements specifically identified are not applicable and all of the criteria set forth in IDAPA 58.01.01.325.01(b) have been met.
 - b. The permit shield shall apply to permit revisions made in accordance with IDAPA 58.01.01.381.04 (administrative amendments incorporating the terms of a permit to construct), IDAPA 58.01.01.382.04 (significant modifications), and IDAPA 58.01.01.384.03 (trading under an emissions cap).
 - c. Nothing in this permit shall alter or affect the following:
 - i. Any administrative authority or judicial remedy available to prevent or terminate emergencies or imminent and substantial dangers;
 - ii. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
 - iii. The applicable requirements of the acid rain program, consistent with 42 U.S.C. Section 7651(g)(a); and
 - iv. The ability of EPA to obtain information from a source pursuant to Section 114 of the CAA; or the ability of DEQ to obtain information from a source pursuant to Idaho Code §39-108 and IDAPA 58.01.01.122.

[Idaho Code §39-108 and 112; IDAPA 58.01.01.122, 4/5/00; IDAPA 58.01.01.322.15.m, 325.01, 5/1/94; IDAPA 58.01.01.325.02, 3/19/99; IDAPA 58.01.01.381.04, 382.04, 383.05, 384.03, 385.03, 3/19/99; 40 CFR 70.6(f)]

Compliance Schedule and Progress Reports

- a. For each applicable requirement for which the source is not in compliance, the permittee shall comply with the compliance schedule incorporated in this permit.
 - b. For each applicable requirement that will become effective during the term of this permit and that provides a detailed compliance schedule, the permittee shall comply with such requirements in accordance with the detailed schedule.
 - c. For each applicable requirement that will become effective during the term of this permit that does not contain a more detailed schedule, the permittee shall meet such requirements on a timely basis.

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d. For each applicable requirement with which the permittee is in compliance, the permittee shall continue to comply with such requirements.

[IDAPA 58.01.01.322.10, 4/5/00; IDAPA 58.01.01.314.9, 5/1/94; IDAPA 58.01.01.314.10, 4/5/00; 40 CFR 70.6(c)(3) and (4)]

Periodic Compliance Certification

- 21. The permittee shall submit compliance certifications during the term of the permit for each emissions unit to DEQ and the EPA as follows:
 - a. The compliance certifications for all emissions units shall be submitted annually from **DATE TO DATE** or more frequently if specified by the underlying applicable requirement or elsewhere in this permit by DEQ.
 - b. The initial compliance certification for each emissions unit shall address all of the terms and conditions contained in the Tier I operating permit that are applicable to such emissions unit including emissions limitations, standards, and work practices;
 - c. The compliance certification shall be in an itemized form providing the following information (provided that the identification of applicable information may cross-reference the permit or previous reports as applicable):
 - i. The identification of each term or condition of the Tier I operating permit that is the basis of the certification:
 - ii. The identification of the method(s) or other means used by the owner or operator for determining the compliance status with each term and condition during the certification period. Such methods and other means shall include, at a minimum, the methods and means required under Subsections 322.06, 322.07, and 322.08;
 - iii. The status of compliance with the terms and conditions of the Tier I operating permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in Subsection 322.11.c.ii. above. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR Part 64 occurred; and
 - iv. Such information as the DEQ may require to determine the compliance status of the emissions unit.
 - d. All original compliance certifications shall be submitted to DEQ and a copy of all compliance certifications shall be submitted to the EPA.

[IDAPA 58.01.01.322.11, 4/6/05; 40 CFR 70.6(c)(5)(iii) as amended, 62 Fed. Reg. 54900, 54946 (10/22/97); 40 CFR 70.6(c)(5)(iv)]

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False Statements

22. No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit, or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.125, 3/23/98]

No Tampering

23. No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.126, 3/23/98]

Semiannual Monitoring Reports

In addition to all applicable reporting requirements identified in this permit, the permittee shall submit reports of any required monitoring at least every six months. The permittee's semiannual reporting periods shall be from [INSERT MONTH & DAY] to [INSERT MONTH & DAY] and [INSERT MONTH & DAY] to [INSERT MONTH & DAY]. All instances of deviations from this operating permit's requirements must be clearly identified in the report. The semiannual reports shall be submitted to DEQ within 30 days of the end of the specified reporting period.

[IDAPA 58.01.01.322.15.q, 3/23/98; IDAPA 58.01.01.322.08.c, 4/5/00; 40 CFR 70.6(a)(3)(iii)]

Reporting Deviations and Excess Emissions

25. The permittee shall promptly report all deviations from permit requirements including upset conditions, their probable cause, and any corrective actions or preventive measures taken. For excess emissions, the report shall be made in accordance with IDAPA 58.01.01.130-136. For all other deviations, the report shall be made in accordance with IDAPA 58.01.01.322.08.c, unless otherwise specified in this permit.

[IDAPA 58.01.01.322.15.q, 3/23/98; IDAPA 58.01.01.135, 4/5/00; 40 CFR 70.6(a)(3)(iii)]

Permit Revision Not Required

26. No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit.

[IDAPA 58.01.01.322.05.b, 4/5/00; 40 CFR 70.6(a)(8)]

Emergency

27. In accordance with IDAPA 58.01.01.332, an "emergency" as defined in IDAPA 58.01.01.008, constitutes an affirmative defense to an action brought for noncompliance with such technology-based emissions limitation if the conditions of IDAPA 58.01.01.332.02 are met.

[IDAPA 58.01.01.332.01, 4/5/00; 40 CFR 70.6(g)]